12/13/10

# EXHIBIT A TOTAL PROJECT BUDGET TOWN OF ACTON

#### **Total Project Budget**

Acton Public Schools			
Douglas Elementary School			9/29/2010
TOTAL PROJECT BUDGET - ALL COSTS		*Cost/Scope Items	
ASSOCIATED WITH THE PROJECT ARE SUBJECT TO 963 CMR 2.16(5)	Estimated Rudgel	Excluded from the Total Facilities Grant	*Ineligible Costs
Feasibility Study Agreemen			
OPM Feasibility Study (including Schematic Design)			
A&E Feasibility Study (including Schematic Design)			
Env. & Site Other			
Feasibility Study Agreement Subtotal			
Administration		ESMINISTRATION OF	
Legal Fees			
			Ness aparticles as a second
Construction Contract Documents	Section and an administration of the contraction		Manual Commission Parking Linear
Bidding			
Construction Contract Administration Closeout			
Extra Services			
Reimbursable & Other Services			
Cost Estimates	\$500		
Advertising Permitting			
Owner's Insurance			
Other Administrative Costs			
Administration Subtotal	\$500	* COM SERVICE	
Architecture and Engineering  Basic Services			
Date Offices			
Construction Contract Documents	\$9,999		
Bidding			
Construction Contract Administration Closeout			
Other Basic Services			
Reimbursable Services			
Construction testing Printing (over minimum)			
Other Reimbursable Costs		· · · · · · · · · · · · · · · · · · ·	
Hazardous Materials	\$5Q0		
Geotech & Geo-Env.			
Site Survey Wellands			
Traffic Studies			
Architectural/Engineering Subtotal	\$10,499	\$0	\$0
OMERS OF SECTION SERVED SERVED			
(FASCOS ARGUNA CANAS ASSOCIATION CONTRACTOR AND			
En aurendo En establiques en Social			
Magaza de Parte de California			
[Second like 1929]			
Eine achtesiden stätet i Gestuurst en samustanikanikanikaliselle maara		karang sandan sanda	PROGRAMICA SINGERS CARROLL
Construction Costs	SECURE OF PROPERTY OF CHARGE	2222724 HONOR OF STREET	TOTAL SHANNING THE PROPERTY OF THE PASSAGE
SUBSTRUCTURE			
Foundations Processed Construction			
Basement Construction SHELL			
SuperStructure			
Exterior Closure	****		
Roofing INTERIORS	\$442,000		
Interior Construction			
Staircases			
Interior Finishes SERVICES			
SERVICES Conveying Systems			
Plumbing	\$18,700		
HVAC			
Fire Protection Electrical			
EQUIPMENT & FURNISHINGS			
Equipment			
Furnishings			
SPECIAL CONSTRUCTION & DEMOLITION Special Construction			
Existing Building Demolition			

#### **Total Project Budget**

Acton Public Schools			9/29/2010
Douglas Elementary School			
TOTAL PROJECT BUDGET - ALL COSTS		*Cost/Scope Items	
ASSOCIATED WITH THE PROJECT ARE SUBJECT		Excluded from the	
TO 963 CMR 2.16(5)	Estimated Budget	<b>Total Facilities Grant</b>	*Ineligible Costs
In-Bidg Hazardous Material Abatement			
Asbestos Cont'g Floor Mat'l Abatement			
Other Hazardous Material Abatement			
BUILDING SITEWORK Site Preparation			
Site Improvements			
Site Civil/ Mechanical Utilities			
Site Electrical Utilities			
Other Site Construction			
Construction Trades Subtotal	\$460,700	\$0	s
Contingencies (Design and Pricing)	Q-700,100	40	<del></del> <del>-</del>
D/B/B Sub-Contractor Bonds			
D/B/B Insurance	· .		
D/B/B General Conditions			
D/B/B Overhead & Profit			
GMP Insurance			
GMP Fee			
GMP Contingency			
Escalation to Mid-Point of Construction			
Overall Excluded Construction Cost			
Construction Budget	\$460,700		
Alternates			
Alternates Subtotal	\$0	\$0	\$0
			DE TRANSPORTE DES PRESENTA
Const. Contingency			
Mistellaneous Project Costs			
Utility company Fees			
Testing Services			
Swing Space/Modulars			
Other Project Costs (Mailing & Moving)			
Misc. Project Costs Subtotal	\$0	\$0	\$(
Elinskinsk maen in mente de skriven en d			
a definite Bije og de			
annussas Senienio/Cagonoree 20			
on the control (State State	Name and the second of		
Owner's Contingency		The second secon	The state of the s
Total Project Budget	\$471,699		
Alternates	\$0		
Ineligible cost	\$0		
Scope items excluded	\$0		
Estimated Basis of Total Facilities Grant	\$471,699		
Reimbursement Rate	43.85%		
Estimated Total Maximum Facilities Grant	\$206,840		

NOTE: This document was prepared by the MSBA based on a preliminary review of information and estimates provided by the Town of Acton for the Douglas Homentary School project. Based on this preliminary review, certain budget, cost and acope items have been determined to be irreligible for reimbursement, however, this document does not contain a final, estassistic list of all leadings, cost and scope items have been determined to be irreligible. Nor is it intended to be a Stoal determination of which budget, cost and scope items may be eligible for reimbursement by the MSBA. All project budget, cost and scope items shall be subject to review and acodit by the Authority, and the Authority shall determine, in its sole discretion whether any such budget, cost and scope items are eligible for reimbursement. The MSBA may determine that certain additional studget, cost and scope items are ineligible for reimbursement.

# EXHIBIT B PROJECT SCOPE TOWN OF ACTON

The District's Designer, CBI Consulting, performed an existing conditions analysis and concluded the existing roof and drains were failing. Based on this analysis, the Designer recommended a replacement of the roofing system including EPDM membrane fully adhered over tapered rigid insulation with associated edge, parapet cap and other flashings.

#### See attached drawings:

G1-01 Cover Sheet

D1-01 Overall demolition Roof Plan

A1-01 Roof Slope Plan

A1-02 Partial Roof Plan

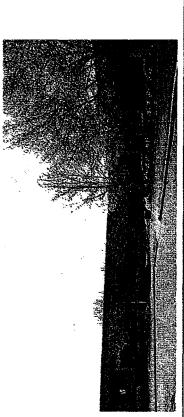
A1-03 Partial Roof Plan

A2-01 Typical Roofing Replacement Details

A2-02 Typical Roofing Replacement Details

# C.T. DOUGLAS ELEMENTARY SCHOOL

# PARTIAL ROOFING REPLACEMENT



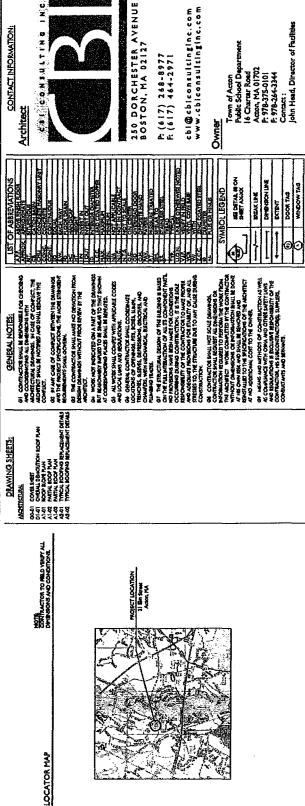
C.T. DOUGLAS ELEMENTARY SCHOOL PARTIAL ROOFING REPLACEMENT ALBACEMENT

thi Gebiconsultingins, com

118 CORCHESTER AVENU EDSTOK RA 81/37

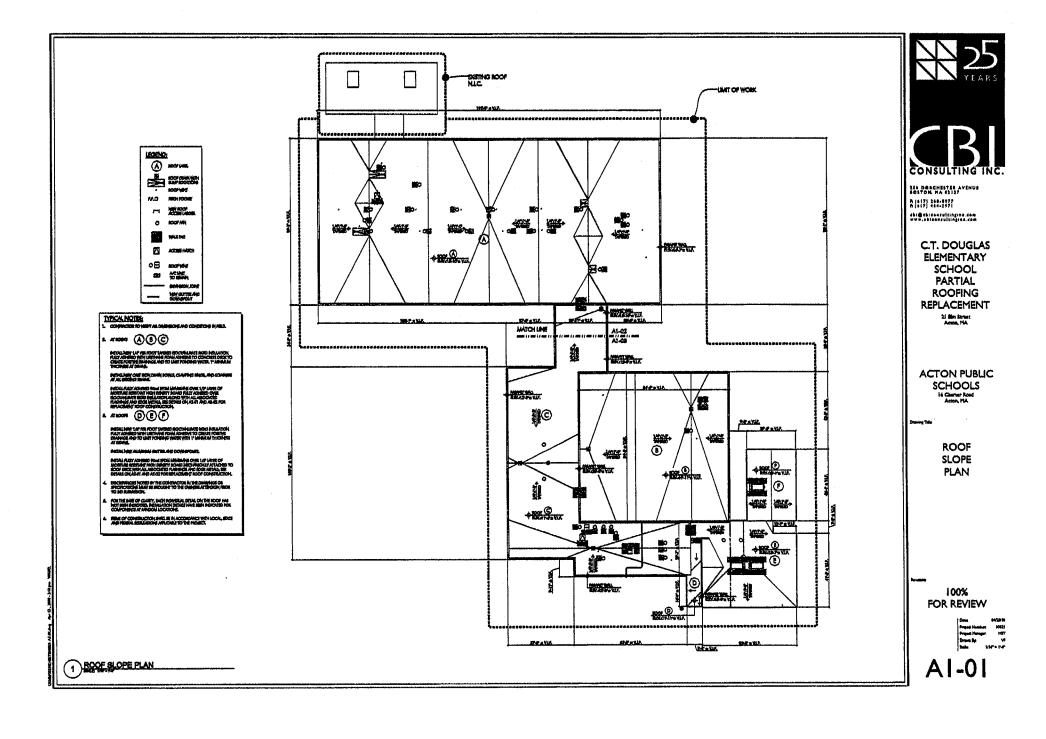
ACTON PUBLIC SCHOOLS

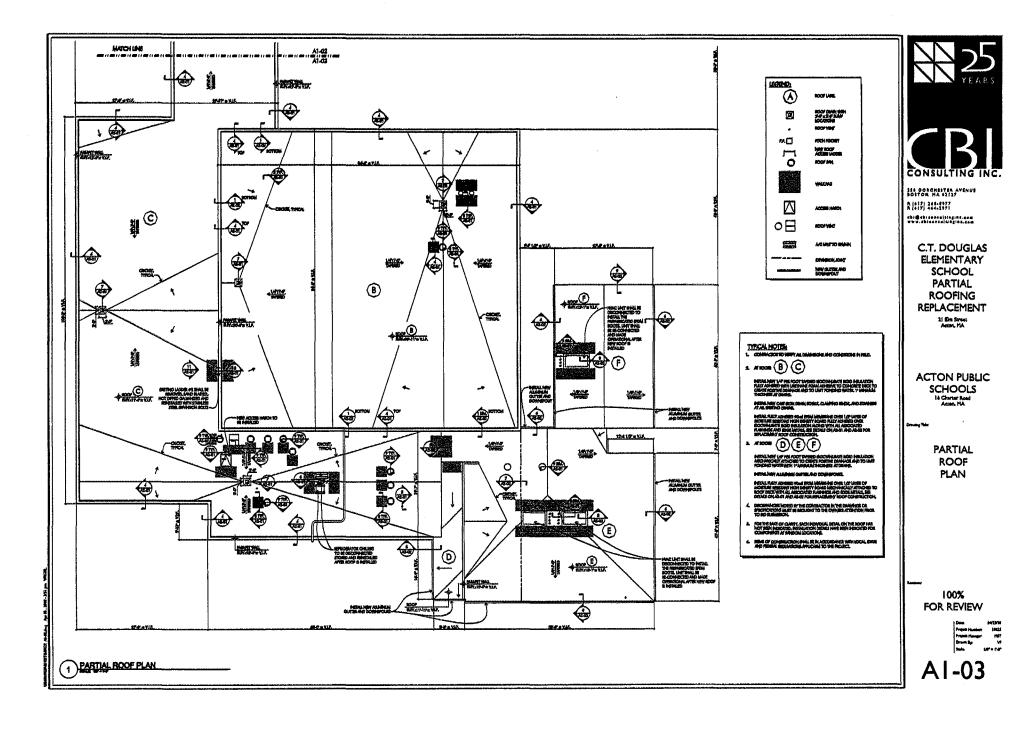
COVER



G0-01

100% FOR REVIEW



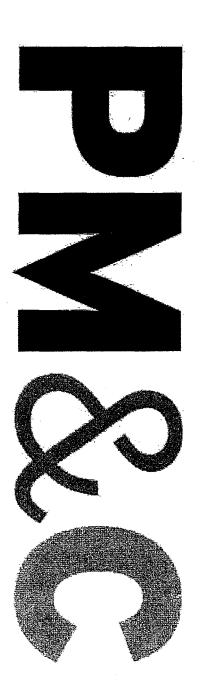


#### **Study Phase Estimate**

#### **ACTON SCHOOL DEPARTMENT**

**Roofing Replacement Project** 

Acton, MA



Prepared for:

**Acton Schools Facilities Dept.** 

September 29, 2008



Study Phase Estimate SUB TOTAL EST'D COST TOTAL COST CSI

CODE	i	DESCRIPTION	QTY	UNIT	cost	COST	TOTAL	COST
DOU	GLAS BU	ILDING ROOF REPLACEMENT						
1		BAAT	-0					
<b>.</b>		ROOF AREA	38,461	sf		-		
<b>)</b>	B30	ROOFING						
	_ D30	ROOFING						
	B3010	ROOF COVERINGS						
07500	-	Remove existing roofing	38,461	sf	1.50	57,692		
<b>07500</b>		Remove existing roof edge	1,500	If	5.00	7,500		
0 07500		Remove and reinstall existing roof top equipment	1	ls	5,000.00	5,000		
07500		New EPDM roofing; fully adhered	38,461	sf	2.50	96,153		
a 07500		New roof insulation; 4" thick	38,461	sf	3.70	142,306		
3 07500		New tapered insulation; various thickness	38,461	sf	1.25	48,076		
4 07500		New 3' x 6' walk pads	1	ls	3,000.00	3,000		
5 07500		Aluminum roof edge	1,500	lf	18.50	27,750		
6 03300		Flashing at vertical surfaces	256	If	25.00	6,400		
7 03306		Flashing at lobby skylights	1	ls	5,000.00	5,000		
8 03300		Allowance to repair lobby skylights	1	ls	10,000.00	10,000		
9 07620		Remove and reinstall existing electrical wiring	1	ls	5,000.00	5,000		
9 06100		Wood blocking to roof edges	1,500	lf	12.00	18,000		
D 15200		Replace existing roof drains and clean existing drain piping	13	loc	850.00	11,050		
1 09900		Scrape and paint existing roof ladders	1	ls	2,500.00	2,500		
1		SUBTOTAL	•		-,,,,,,,,,,,	2,500	\$445,427	
3		OUBLUIAL					9440y44/	
4	B3020	ROOF OPENINGS						
5 07620	DOUGU	Existing roof hatch to remain						
16		SUBTOTAL					\$o	
7								
8		TOTAL - ROOFING						\$445,427
9								
î	F20	SELECTIVE BUILDING DEMOLITION						
2								
3	F2010	BUILDING ELEMENTS DEMOLITION						
4 5		Demolition included above SUBTOTAL					\$o	
6		SUBIUIAL					40	
17	F2020	HAZARDOUS COMPONENTS ABATEMENT						
g 05151		Excluded						
9		SUBTOTAL					-	
1 1								\$o
R	10	TAL - SELECTIVE BUILDING DEMOLITION						<u>&amp;U_</u>
3	_	MARK UP						
4	·	MARCO						
5		GENERAL COND. / PERMIT / INS.						
6 01000		General Conditions	8.00%		445,427.00	35,634		
7 17001		Insurances/Bond	2.50%		481,061	12,027		
B 17001		Permit				NIC	A 22.	
9 0		SUBTOTAL					\$47,661	
1		FEE						
2 17002		Overhead & profit/fee	7.50%		493,088	36,982		
3		SUBTOTAL	******		470,000	301704	\$36,982	
1	<b></b>							
5		TOTAL - MARK UP						\$84,643
5 7 8	<del>,</del>							
	<b>L</b>	CONTINGENCIES/ESCALATION						
9 0		mperox e morraro						
1 17003		DESIGN & PRICING Design and pricing contingency (reduces to 0% at	5.00%		EGO OPP	26,504		
-paris		Construction Documents)	2.4036		530,070	20,304		
1		SUBTOTAL					\$26,504	
•		CONTAIN					450tOnd	
i		ESCALATION						
17004		Price escalation due to increases in labor and material	4.50%		556,574	25,046		
		costs (Included at 6% per annum) - assumed						
		construction start June 2009						
5		SUBTOTAL					\$25,046	
<u>'</u>								
		CONSTRUCTION CONTINGENCY						
17005		Recommend that 5% construction contingency is	0.00%		581,620			
		included in the overall project budget						
,		SUBTOTAL					•	
		WATAY . CONTENCENI/TEC/DOOM ATTOM						\$50.000
1	7	TOTAL - CONTINGENCIES/ESCALATION						\$51,550
1 2 3 4		OTAL-CONTINGENCIES/ESCALATION  ALESTIMATED ROOF REPLACEMENT COST						\$51,550 \$581,620

29-Sep-08

ACTON SCHOOL DEPARTMENT Roofing Replacement Project Arten, MA

Study Phase Estimate

icsr	y Phase But				UNIT	EST'D	S(B)	TOTAL
CODE		DESCRIPTION DING ROOP REPLACEMENT	QTY	UNIT	COST	COST	TOTAL	COST
GAN	ES BULL	and noof reflacement						
:		ROOFAREA		sf		_		
l 1		KUUF AKEA	47,546	-51		•		
	B30	ROOFING						
,	Rento	ROOF COVERINGS						
07900		Remove existing ballasted roofing	47,546	sf	1.00	47,546		
07500		Remove existing stone ballast and clean for re-use and	47,546	sf	0.35	16,641		
		reinstall	_	_				
o 075500		Remove existing roofing underneath existing ballasted Premium for working on sloped roofs	47,546	sf loc	1.50	71,319		
0 07500		Remove existing roof edge	4 1,510	lf	1,000.00 5.00	4,000 7,550		
1 67500		Remove and reinstall existing roof top equipment	1	ls	2,500.00	2,500		
<b>875</b> 00		New EPDM roofing; loose laid	44,426	र्झ	1.60	71,082		
2 67500		New EPDM roofing; fully adhered at sloped roofs	3,120	sf	2.50	7,800		
2 63500		New roof insulation; 4" thick	47,546	<b>s</b> f	3.70	175,920		
4 07500 5 07500		New tapered insulation; various thickness	47,546	sf H	1.25	59,433		
5 03300		Aluminum roofedge Flashing at vertical surfaces	1,510 471	H	18.50 25.00	27.935 11,775		
7 95100		Wood blocking to roof edges	1,510	IE	12.00	18,120		
8 15200		Replace existing roof drains and clean existing drain	16	łoc	850.00	13,600		
		piping						
9 09900		Scrape and paint existing roof ladders	1	ls	2,500.00	2,500		
o •		SUBTOTAL					\$537,721	
- a	Взово	ROOF OPENINGS						
3 07620	_	Existing roof batch to remain						
4 5		SUBTOTAL					\$0	
6		TOTAL - ROOFING						\$537,721
7 # 9								
9	F20	SELECTIVE BUILDING DEMOLITION						
1	F2010	BUILDING ELEMENTS DEMOLITION						
		Demolition included above SUBTOTAL					<b>\$</b> 0	
•							45	
5 <del>(212</del> 1	F2020	HAZARDOUS COMPONENTS ABATEMENT Excluded						
7		SUBTOTAL					-	
1 )	777	TAL - SELECTIVE BUILDING DEMOLITION		<del></del>				\$0
•		TALL - GREAT CTT A BOTTLAN (V SALITORI TORY)				· <del></del>		
l k	L	MARKUP						
3		GENERAL COND. / PERMIT / INS.						
t 01000 1		General Conditions	8.00%		537,721.00	43,018		
1700L		Insurances/Bond Permit	2,50%		580,739	14,518 NIC		
7		SUBTOTAL					\$57,536	
•		FRE						
17602		Overhead & profit/fee	7.50%		595,257	44,644		
1 1		SUBTOTAL					\$44,644	
		TOTAL-MARK UP						\$102,180
		CONTINGENCIES/ESCALATION						
,	I	CONTINUENCIES/ESCALATION						
1 17003		DESIGN & PRICING			<b></b>			
1 Marie		Design and pricing contingency (reduces to 0% at Construction Documents)	5.00%		639,901	31,995		
•		SUBTOTAL					\$31,995	
! 1		ESCALATION						
i shoot		Price excalation due to increases in labor and material	4.50%		671,896	30,235		
		costs (Included at 6% per annum) - assumed	. =					
		construction start June 2009 SUBTOTAL					\$30,235	
i							494472	
17005		CONSTRUCTION CONTINGENCY Recommend that 5% construction contingency is	0.00*		was 161			
1,000		Recommend that 5% construction contingency is included in the overall project budget	0.00%		702,131			
		SUBTOTAL					-	
1								
,			·					96
		TOTAL - CONTINGENCIES/ESCALATION						\$62,230

# EXHIBIT C PROJECT SCHEDULE TOWN OF ACTON

#### Town of Acton Douglas Elementary School Roofing Project Schedule

**Activity** Date

Complete Construction Documents March 2010

Advertise April 2010

Bid Opening May 2010

Award Contract May 2010

Construction June – July 2010

Project Closeout August 2010

#### EXHIBIT D PROJECT CASH FLOW TOWN OF ACTON

Town of Acton

Douglas Elementary School Roofing Project: Projected Cash Flow (2010)

	Designer	Contractor	TOTAL
April	\$3,000		\$3,000
May	\$2,000		\$2,000
June	\$1,000		\$1,000
July	\$2,000	\$212,000	\$214,000
August	\$2,000	\$230,000	\$232,000
September	\$1,000	\$18,700	\$19,700
TOTAL	\$11,000	\$460,700	\$471,700

# EXHIBIT E PROJECT SITE TOWN OF ACTON

THERE IS NO EXHIBIT E

#### EXHIBIT F FURNISHINGS AND EQUIPMENT TOWN OF ACTON

THERE IS NO EXHIBIT F

# EXHIBIT G INSURANCE REQUIREMENTS TOWN OF ACTON

PROJECT FUNDING AGREEMENT

#### EXHIBIT "G"

#### MASSACHUSETTS SCHOOL BUILDING AUTHORITY STANDARD CONSTRUCTION CONTRACT INSURANCE PROVISIONS FOR AN OWNER-CONTRACTOR CONTRACT

(Alternate Form for Construction Manager at Risk on Page 6 of this Exhibit)

The District shall include, at a minimum, the following language regarding insurance requirements in the Owner-Contractor contract. The District may impose additional insurance requirements provided that any such additional requirements shall not be inconsistent with the requirements imposed by the standard language set forth herein and further provided that, prior to issuing an invitation for bids for construction of the Project, the District shall give the Authority adequate written notice clearly describing any such additional requirements so that the Authority may, at its discretion, review and comment upon such additional requirements. Any such additional requirements may be set forth in Section 8 of the Insurance Requirements below. It shall be the sole responsibility of the District to determine whether additional insurance requirements are desirable or necessary for the Project and should be included in the Owner-Contractor contract.

#### **INSURANCE REQUIREMENTS (Design-Bid-Build)**

#### 1. Insurance Generally.

- A. The Contractor shall purchase and maintain insurance of the type and limits listed in this Article with respect to the operations as well as the completed operations of this Contract. This insurance shall be provided at the Contractor's expense and shall be in full force and effect for the full term of the Contract or for such longer period as this Article requires.
- B. All policies shall be written on an occurrence basis and be issued by companies lawfully authorized to write that type of insurance under the laws of the Commonwealth with a financial strength rating of A- or better as assigned by AM Best Company, or an equivalent rating assigned by a similar rating agency acceptable to the Owner, or as otherwise acceptable to the Owner.
- C. The Contractor shall submit three originals of each certificate of insurance, acceptable to the Owner, simultaneously with the execution of this Contract. Certificates shall show each type of insurance, insurance company, policy number, amount of insurance, deductibles and/or self-insured retentions, and policy effective and expiration dates. Certificates shall show the Massachusetts School Building Authority (hereinafter "Authority"), the Owner and anyone else the Owner may request as additional insureds as to all policies of liability insurance. Certificates shall specifically note the following:
  - that the automobile liability, umbrella liability and pollution liability policies include the Authority and the Owner as additional insureds;
  - that all policies include the coverage and endorsements in accordance with the terms and conditions as required by this Contract;
  - that none of the coverages shall be cancelled, terminated, or materially modified unless and until thirty (30) days prior notice is given in writing to the Owner and the Authority;
  - the Contractor shall submit updated certificates of insurance prior to the expiration of any
    of the policies referenced in the certificates so that the Owner shall at all times possess
    certificates indicating current coverage.

- D. The Contractor shall file one certified, complete copy of all policies and endorsements with the Owner within sixty (60) days after Contract award. If the Owner is damaged by the Contractor's failure to maintain such insurance and to comply with the terms of this Article, then the Contractor shall be responsible for all costs and damages to the Owner and the Authority attributable thereto.
- E. Termination, cancellation, or material modification of any insurance required by this Contract, whether by the insurer or the insured, shall not be valid unless written notice thereof is given to the Owner, and the Authority to the extent that the Authority is an additional insured, at least thirty (30) days prior to the effective date thereof, which shall be expressed in said notice.
- F. The Contractor is responsible for the payment of any and all deductibles under all of the insurance required herein. Neither the Owner nor the Authority shall in any instance be responsible for the payment of deductibles, self-insured retentions, or any portion thereof.

#### 2. Contractor's Commercial General Liability.

A. The Contractor shall purchase and maintain general liability coverage on the ISO form CG 00 01 or equivalent, including products and completed operations, on an occurrence basis. The form must be amended to state that the aggregate limit applies on a per location/project basis. The policy shall provide the following minimum coverage to protect the Contractor from claims with respect to the operations performed by Contractor and any employee, subcontractor, or supplier, or by anyone for whose acts they may be liable unless a higher coverage is specified in Section 8 below in which case the Contractor shall provide the additional coverage:

Bodily Injury & \$1,000,000 each occurrence
Property Damage \$2,000,000 general aggregate per project
Products & Completed Operations
Personal & Advertising Injury \$1,000,000 each occurrence
Medical Expenses \$5,000

- B. This policy shall include coverage relating to explosion, collapse, and underground property damage.
  - C. This policy shall include contractual liability coverage.
- D. The completed operations coverage shall be maintained for a period of three (3) years after Substantial Completion and acceptance by the Owner. The Contractor shall provide renewal certificates of insurance to the Owner as evidence that this coverage is being maintained.
- E. If the Work includes work to be performed within fifty (50) feet of a railroad, any exclusion for liability assumed under contract for work within fifty (50) feet of a railroad shall be deleted.
- **F.** This policy shall include the Authority, the Owner and anyone else requested by the Owner as additional insureds via endorsements CG 20 10 for ongoing operations and CG 20 37 for completed operations This policy shall be primary and non-contributory with respect to any other insurance available to additional insureds.
- G. The policy shall include endorsement CG 24 04, a Waiver of Subrogation in favor of the Authority and the Owner.

#### 3. Automobile Liability.

A. The Contractor shall purchase and maintain the following minimum coverage with respect to the operations of any owned, non-owned, and hired vehicles including trailers used in the performance of the work, unless a higher coverage is specified in Section 8 below in which case the Contractor shall provide the additional coverage:

**Bodily Injury & Property Damage** 

\$1,000,000 combined single limit

- B. The policy shall include a CA 99 48 Broadened Pollution Endorsement. If specified in Section 8 below, the Contractor, if hauling contaminants and/or pollutants, must adhere to Sections 29 and 30 of the Motor Carrier Act of 1980, which shall include coverage Form MCS-90.
  - C. The policy shall name the Authority and the Owner as additional insureds.
  - D. The policy shall contain a Waiver of Subrogation in favor of the Owner and the Authority.

#### 4. Contractor's Pollution Liability.

The Contractor shall purchase and maintain coverage for bodily injury and property damage resulting from liability arising out of pollution related exposures such as asbestos abatement, lead paint abatement, tank removal, removal of contaminated soil, etc. The insurance policy shall cover the liability of the Contractor during the process of removal, storage, transport and disposal of hazardous waste and contaminated soil and/or asbestos abatement. The policy shall include coverage for on-Site and off-Site bodily injury and loss of, damage to, or loss of use of property, directly or indirectly arising out of the discharge, dispersal, release or escape of smoke, vapors, soot, furnes, acids, alkalis, toxic chemicals, liquids or gas, waste materials or other irritants, contaminants or pollutants into or upon the land, the atmosphere or any water course or body of water, whether it be gradual or sudden and accidental. The policy shall also include defense and clean-up costs. The Authority and the Owner shall be named as additional insureds and coverage must be on an occurrence basis. The amount of coverage shall be as follows unless a higher amount is specified in Section 8 below to this Contract, in which case the Contractor shall provide the additional coverage:

Limit of liability

\$1,000,000 per occurrence \$3,000,000 aggregate

#### 5. Worker's Compensation.

A. The Contractor shall provide the following coverage in accordance with M.G.L. c.149 §34A and c.152, as amended, unless a higher coverage is specified in Section 8 below, in which case the Contractor shall provide the higher coverage:

Worker's Compensation

Statutory limits

Employer's Liability

\$ 500,000 each accident

\$ 500,000 disease per employee \$ 500,000 disease policy aggregate

- B. If specified in Section 8 below, the policy must be endorsed to cover United States Longshoremen & Harborworkers Act (USLHW), or Maritime Liability.
  - C. The policy shall contain a Waiver of Subrogation in favor of the Authority and the Owner.

#### 6. Builder's Risk/Installation Floater/Stored Materials.

Owner may purchase and maintain coverage against loss or damage to the Work included in this Contract. If purchased by Owner, such coverage shall be on an "all risks" or equivalent form and will include a waiver of subrogation in favor of Contractor for loss or damage that occurs during the term of the Project. Owner will be responsible for the payment of any deductible under such coverage.

#### If specified in Section 8 below, Owner may require the Contractor to purchase and maintain coverage against loss or damage to the Work in accordance with the following requirements:

- A. The Contractor shall purchase and maintain coverage against loss or damage on all Work included in this Contract in an amount equal to the Contract Price. Such coverage shall be written on an all risks basis or equivalent form and shall include, without limitation, insurance against perils of fire (with extended coverage) and physical loss or damage including, without duplication of coverage, theft, vandalism, malicious mischief, terrorism ("certified" and "non-certified"), collapse, earthquake, flood (if the project is not in an "A" or a "V" flood Zone), windstorm, falsework, testing and startup, temporary buildings and debris removal including demolition occasioned by enforcement of any applicable legal requirements, and shall cover reasonable compensation for Architect's and Contractor's services and expenses required as a result of such insured loss. Unless otherwise specified in this Contract, the limits for earthquake and flood shall each be the lesser of the Contract Price or \$10,000,000. This policy and/or installation floater shall include transportation and Stored Materials coverage in an amount equal to the value of the stored materials as required in C. below.
- B. When Work will be completed on existing buildings owned by the Owner, the Contractor shall provide an installation floater, in the full amount of the Contract Price. Such coverage shall be written on an all risks basis or equivalent form and shall include, without limitation, insurance against perils of fire (with extended coverage) and physical loss or damage including, without duplication of coverage, theft, vandalism, malicious mischief, collapse, earthquake, flood (if the project is not in an "A" or a "V" flood Zone), windstorm, falsework, testing and startup, temporary buildings and debris removal including demolition occasioned by enforcement of any applicable legal requirements, and shall cover reasonable compensation for Architect's and Contractor's services and expenses required as a result of such insured loss. Unless otherwise specified in this Contract, the limits for earthquake and flood shall each be the lesser of the Contract Price or \$10,000,000. This policy and/or installation floater shall include transportation and Stored Materials coverage in an amount equal to the value of the stored materials as required in C. below.
- C. The Contractor shall maintain insurance on delivered and/or stored material designated to be incorporated in the Work against fire, theft or other hazards. Any loss or damage of whatever nature to such material while stored at an off Site location shall be forthwith replaced by the Contractor at no expense to the Owner or the Authority..
- D. The policy or policies shall specifically state that they are for the benefit of and payable to the Authority, the Owner, the Contractor, and all persons furnishing labor or labor and materials for the Contract Work, as their interests may appear. The policy or policies shall list the Authority, the Owner, the Contractor, and Subcontractors of any tier as named insureds.
- E. Coverage shall include any costs for work performed by the Designer or any consultant as the result of a loss experienced during the term of this Contract.
- F. Coverage shall include permission for temporary occupancy and a Waiver of Subrogation in favor of the Owner and the Authority.
- G. Coverage shall be maintained until final acceptance by the Owner of the Work and final payment has been made.
- H. A loss under the property insurance shall be adjusted by the Contractor as fiduciary and made payable to the Contractor as fiduciary for the insureds. The Contractor shall pay the subcontractors their just shares of insurance proceeds received by the Contractor and shall require subcontractors to make payments to their sub-subcontractors in similar manner.

#### 7. Umbrella Coverage.

The Contractor shall provide Umbrella Coverage in a form at least as broad as primary coverages required by Sections 2, 3 and 5 of this Article in the following amount unless a higher amount is specified in Section 8 below in which case the Contractor shall provide the higher amount:

#### Contract Price:

#### Limit of Liability:

Under \$1,000,000	\$2,000,000 per occurrence
\$1,000,001 - \$5,000,000	\$5,000,000 per occurrence
\$5,000,001 \$10,000,000	\$10,000,000 per occurrence
\$10,000,001 and over	\$25,000,000 per occurrence

#### 8. Additional Insurance Requirements

The Contractor shall provide such other and/or additional types and/or amounts of insurance as may be set forth below:

### MASSACHUSETTS SCHOOL BUILDING AUTHORITY STANDARD CONSTRUCTION CONTRACT INSURANCE PROVISIONS FOR A CONSTRUCTION MANAGER AT RISK CONTRACT

The District shall include, at a minimum, the following language regarding insurance requirements in the Owner-Construction Manager at Risk ("CM") contract. The District may impose additional insurance requirements provided that any such additional requirements shall not be inconsistent with the requirements imposed by the standard language set forth herein and further provided that, prior to issuing an RFQ for construction management at risk services for the Project, the District shall give the Authority adequate written notice clearly describing any such additional requirements so that the Authority may, at its discretion, review and comment upon such additional requirements. Any such additional requirements may be set forth in Section 8 of the Insurance Requirements below. It shall be the sole responsibility of the District to determine whether additional insurance requirements are desirable or necessary for the Project and should be included in the Owner-CM contract.

#### **INSURANCE REQUIREMENTS (CM at Risk)**

#### 1. Insurance Generally.

A. The CM shall purchase and maintain the insurance of the type and limits listed in this Article with respect to the operations as well as the completed operations of this Contract. This insurance shall be provided at the CM's expense and shall be in full force and effect for the full term of the Contract or for such longer period as this Article requires.

- **B.** All policies shall be written on an occurrence basis and be issued by companies lawfully authorized to write that type of insurance under the laws of the Commonwealth with a financial strength rating of A- or better assigned by AM Best Company, or equivalent rating assigned by a similar rating agency acceptable to the Owner or as otherwise acceptable to the Owner.
- C. CM shall submit three originals of each certificate of insurance, acceptable to the Owner, simultaneously with the execution of this Contract. Certificates shall show each type of insurance, insurance company, policy number, amount of insurance, deductibles and/or self insured retentions, and policy effective and expiration dates. Certificates shall show the Massachusetts School Building Authority (hereinafter "Authority"), the Owner and anyone else that the Owner may request as additional insureds as to all policies of liability insurance. Certificates shall specifically note the following:
  - that the automobile liability, umbrella liability and pollution liability policies include the Owner and the Authority as additional insureds;
  - that all policies include the coverage and endorsements in accordance with the terms and conditions as required by this construction contract;
  - that none of the coverages shall be cancelled, terminated, or materially modified unless and until thirty (30) days prior notice is given in writing to the Owner and the Authority;.
  - CM shall submit updated certificates prior to the expiration of any of the policies referenced in the certificates so that the Owner shall at all times possess certificates indicating current coverage.

- D. The CM shall file one certified complete copy of all policies and endorsements with the Owner within sixty (60) days after Contract award. If the Owner or the Authority is damaged by the CM's failure to maintain such insurance and to comply with the terms of this Article, then the CM shall be responsible for all costs and damages to the Owner and the Authority attributable thereto.
- E. Termination, cancellation, or material modification of any insurance required by this Contract, whether by the insurer or the insured, shall not be valid unless written notice thereof is given to Owner, and the Authority to the extent that the Authority is an additional insured, at least thirty (30) days prior to the effective date thereof, which shall be expressed in said notice.
- F. The CM is responsible for the payment of any and all deductibles under all of the insurance required below unless the Owner and the Authority specifically provide a written waiver to the CM.

#### 2. CM's Commercial General Liability.

A. The CM shall purchase and maintain general liability coverage on the ISO form CG 00 01 or equivalent, including products and completed operations, on an occurrence basis. The form must be amended to state that the aggregate limit applies on a per location/per project basis. The policy shall provide the following minimum coverage to protect the CM from claims with respect to the operations performed by CM and any employee, subcontractor, or supplier, unless a higher coverage is specified in Section 8 below, in which case the CM shall provide the additional coverage:

Bodily Injury & \$1,000,000 each occurrence
Property Damage \$2,000,000 general aggregate, per project
Products & Completed Operations
Personal & Advertising Injury
Medical Expenses \$1,000,000 annual aggregate
\$1,000,000 each occurrence
\$1,000,000 each occurrence
\$2,000,000 annual aggregate
\$1,000,000 each occurrence
\$5,000

- **B.** This policy shall include coverage relating to explosion, collapse, and underground property damage.
  - C. This policy shall include contractual liability coverage.
- **D.** The completed operations coverage shall be maintained for a period of three (3) years after Substantial Completion and acceptance by the Owner. The CM shall provide renewal certificates of insurance to the Owner as evidence that this coverage is being maintained.
- E. If the Work includes work to be performed within fifty (50) feet of a railroad, any exclusion for liability assumed under contract for work within fifty (50) feet of a railroad shall be deleted.
- F. This policy shall include the Authority, the Owner and anyone else requested by the Owner as additional insureds via endorsements CG 20 10 for ongoing operations and CG 20 37 for completed operations. This policy shall be primary and non-contributory with respect to any other insurance available to additional insureds.
- G. The policy shall include endorsement CG 24 04, a Waiver of Subrogation in favor of the Owner and the Authority.

#### 3. Automobile Liability.

A. The CM shall purchase and maintain the following minimum coverage with respect to the operations of any owned, non-owned, and hired vehicles including trailers used in the performance of the work, unless a higher coverage is specified in Section 8 below, in which case the CM shall provide the additional coverage:

Bodily Injury & Property Damage \$1,000,000 combined single limit

- B. The policy shall include a CA 99 48 Broadened Pollution Endorsement. If specified in Section 8 below, the CM, if hauling contaminants and/or pollutants, must adhere to Sections 29 and 30 of the Motor Carrier Act of 1980, which shall contain coverage Form MCS-90.
  - C. The policy shall name the Owner and the Authority as additional insureds.
  - **D.** The policy shall contain a Waiver of Subrogation in favor of the Owner and the Authority.

#### 4. Contractor's Pollution Liability.

The CM shall purchase and maintain coverage for bodily injury and property damage resulting from liability arising out of pollution related exposures such as asbestos abatement, lead paint abatement, tank removal, removal of contaminated soil, etc. The insurance policy shall cover the liability of the CM during the process of removal, storage, transport and disposal of hazardous waste and contaminated soil and/or asbestos abatement. The policy shall include coverage for on-Site and off-Site bodily injury and loss of, damage to, or loss of use of property, directly or indirectly arising out of the discharge, dispersal, release or escape of smoke, vapors, soot, fumes, acids, alkalis, toxic chemicals, liquids or gas, waste materials or other irritants, contaminants or pollutants into or upon the land, the atmosphere or any water course or body of water, whether it be gradual or sudden and accidental. The policy shall also include defense and clean-up costs. The Owner and the Authority shall be named as additional insureds and coverage must be on an occurrence basis. The amount of coverage shall be as follows unless a higher amount is specified The CM shall purchase and maintain coverage for bodily injury and property damage resulting occurrence basis. The amount of coverage shall be as follows unless a higher amount is specified in Section 8 below, in which case the CM shall provide the additional coverage:

Limit of liability

\$1,000,000 per occurrence \$3,000,000 aggregate

#### 5. Worker's Compensation.

A. The CM shall provide the following coverage in accordance with M.G.L. c.149 §34A and c.152 as amended, unless a higher coverage is specified in Section 8 below, in which case the CM shall provide the higher coverage:

Workers' Compensation

Statutory limits

Employer's Liability

\$ 500,000 each accident

\$ 500,000 disease per employee \$ 500,000 disease policy aggregate

- B. If specified in Section 8 below the policy must be endorsed to cover United States Longshöremen & Harborworkers Act (USLHW), or Maritime Liability for \$1,000,000/\$1,000,000.
  - C. The policy shall contain a Waiver of Subrogation in favor of the Owner and the Authority.

#### 6. Builder's Risk/ Installation Floater/Stored Materials.

Owner may purchase and maintain coverage against loss or damage to the Work included in this Contract. If purchased by Owner, such coverage shall be on an "all risks" or equivalent form and will include a waiver of subrogation in favor of CM for loss or damage that occurs during the term of the Project. Owner will be responsible for the payment of any deductible under such coverage.

If specified in Section 8 below, Owner may require the CM to purchase and maintain coverage against loss or damage to the Work in accordance with the following requirements:

- A. The CM shall purchase and maintain coverage against loss or damage on all Work included in this Contract in an amount equal to the GMP. Such coverage shall be written on an all risks basis or equivalent form and shall include, without limitation, insurance against perils of fire (with extended coverage) and physical loss or damage including, without duplication of coverage, theft, vandalism, malicious mischief, terrorism ("certified" and "non-certified"), collapse, earthquake, flood (if the project is not in an "A" or a "V" flood Zone), windstorm, falsework, testing and startup, temporary buildings and debris removal including demolition occasioned by enforcement of any applicable legal requirements, and shall cover reasonable compensation for Architect's, Program Manager's and CM's services and expenses required as a result of such insured loss. Unless otherwise specified in this Contract, the limits for earthquake and flood shall each be the lesser of the Contract Price or \$10,000,000. This policy and/or installation floater shall include transportation and Stored Materials coverage in an amount equal to the value of the stored materials as required in C, below.
- B. When Work will be completed on existing buildings owned by the Owner, the CM shall provide an installation floater, in the full amount of the Contract Price. Such coverage shall be written on an all risks basis or equivalent form and shall include, without limitation, insurance against perils of fire (with extended coverage) and physical loss or damage including, without duplication of coverage, theft, vandalism, malicious mischief, collapse, earthquake, flood (if the project is not in an "A" or a "V" flood Zone), windstorm, falsework, testing and startup, temporary buildings and debris removal including demolition occasioned by enforcement of any applicable legal requirements, and shall cover reasonable compensation for Architect's, Program Manager's and CM's services and expenses required as a result of such insured loss. Unless otherwise specified in this Contract, the limits for earthquake and flood shall each be the lesser of the Contract Price or \$10,000,000. This policy and/or installation floater shall include transportation and Stored Materials coverage in an amount equal to the value of the stored materials as required in C. below.
- C. The CM shall maintain insurance on delivered and/or stored material designated to be incorporated in the Work against fire, theft or other hazards. Any loss or damage of whatever nature to such material while stored at some approved off Site location shall be forthwith replaced by the CM at no expense to the Owner or the Authority.
- D. The policy or policies shall specifically state they are for the benefit of and payable to the Authority, the Owner,, the CM, subcontractors and all persons furnishing labor or labor and materials for the Contract Work, as their interests may appear. The policy or policies shall list the Authority, the Owner, the CM, and Subcontractors of any tier as named insureds.
- E. Coverage shall include any costs for work performed by the Designer or any consultant as the result of a loss experienced during the term of this Contract.
- **F.** Coverage shall include permission for temporary occupancy and a Waiver of Subrogation in favor of the Owner and the Authority.
- G. Coverage shall be maintained until final acceptance by Owner of the Work and final payment has been made.
- H. A loss under the property insurance shall be adjusted by CM as fiduciary and made payable to the Contractor as fiduciary for the insureds. CM shall pay the subcontractors their just shares of insurance proceeds received by the CM and shall require subcontractors to make payments to their sub-subcontractors in similar manner.

#### 7. Umbrella Coverage.

The CM shall provide Umbrella Coverage in form at least as broad as primary coverages required by Sections 2, 3 and 5 of this Article in the following amount unless a higher amount is specified in Section 8 below in which case the CM shall provide the higher amount:

Contract Price:
Under \$1,000,000
\$1,000,000 -- \$5,000,000
\$5,000,001-- \$10,000,000
\$10,000,001and over

Limit of Liability: \$2,000,000 per occurrence \$5,000,000 per occurrence \$10,000,000 per occurrence \$25,000,000 per occurrence

#### 8. Additional Insurance Requirements

The CM shall provide such other and/or additional types and/or amounts of insurance as may be set forth below:

## EXHIBIT H EDUCATIONAL PROGRAM TOWN OF ACTON

THERE IS NO EXHIBIT H

# EXHIBIT I REIMBURSEMENT RATE SHEET TOWN OF ACTON

PROJECT FUNDING AGREEMENT

#### **MSBA Green Repair Program Reimbursement Rate Certification**

Acton		
MSBA Reimbursement Rat	e Calculation	
Base Points	31.00	
Income Factor	2.53	
Property Wealth Factor	10.32	
Poverty Factor	•	
Racial Desegregation Plan Approved prior to 6/30/2006	-	
MS	BA Reimbursement Rate 43.85	

#### Certification

By signing this Reimbursement Rate Certification, I hereby certify that I have read, understand, and accept the reimbursement rate set forth above, and I hereby acknowledge and agree on behalf of the Eligible Applicant that the above-stated reimbursement rate is the rate that will be used to calculate the maximum Total Facilities Grant for the proposed project.

Local Chief Executive Officer

Date

Date

mmittee Chair

#### EXHIBIT J WAGE RATES TOWN OF ACTON

THERE IS NO EXHIBIT J

#### [Letterhead of Legal Counsel] Certification of Legal Counsel for the [City/Town/Regional School District]

I,	, duly appointed legal counsel for the [City/Town/RSD],
hereby certify that:	
full legal authority under the local charters, ordinances an (the "Agreement") for the [Section 1].	appointed governmental officer(s) or governmental body has the claws of the Commonwealth of Massachusetts and all applicable d by-laws to execute and deliver the Project Funding Agreement chool] Project (the "Project") between the [City/Town/RSD] and wilding Authority on behalf of the [City/Town/RSD] and to bind a terms and conditions:
officer or governmen required to authorize	Title(s), and Contact Information for the authorized governmental stal body signing the Project Funding Agreement. If a vote is the governmental officer or governmental body to sign the Project please note such requirements here and submit a copy of said vote
full legal authority under the local charters, ordinances an	appointed governmental officer(s) or governmental body has the laws of the Commonwealth of Massachusetts and all applicable d by-laws to make final, binding decisions with respect to the
Project described in the Proj	ect Funding Agreement, on behalf of the [City/Town/RSD]:
governmental body w the Proposed Project governmental body to	itle, and Contact Information for the governmental officer or who is authorized to make final, binding decisions with respect to the strength of the proposed Project, uirements here and submit a copy of said vote to the MSBA.]
e de la companya de La companya de la co	40 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
I hereby further certify that, certifications are true, compl	to he best of my knowledge and belief, the above-listed ete and accurate.
IN WITNESS WHEREOF, 9	signed thisday of,
Name (Print or Type)	
Office/Title (Print or Type)	